



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> : <b>D21H</b>	<b>A2</b>	(11) International Publication Number: <b>WO 99/55962</b> (43) International Publication Date: 4 November 1999 (04.11.99)
<p>(21) International Application Number: PCT/SE99/00678</p> <p>(22) International Filing Date: 26 April 1999 (26.04.99)</p> <p>(30) Priority Data:  98850067.4 27 April 1998 (27.04.98) EP  60/083,253 27 April 1998 (27.04.98) US</p> <p>(71) Applicant (for all designated States except US): AKZO NOBEL N.V. [NL/NL]; P.O. Box 9300, NL-6800 SB Arnhem (NL).</p> <p>(71) Applicant (for SE only): EKA CHEMICALS AB [SE/SE]; S-445 80 Bohus (SE).</p> <p>(72) Inventors; and  (75) Inventors/Applicants (for US only): STRUCK, Oliver [DE/DE]; Oberstrasse 26, D-52349 Düren (DE). HÄLLSTRÖM, Hans [SE/SE]; Knut Stangenbergs väg 162, S-131 47 Nacka (SE). SIKKAR, Rein [SE/SE]; Vesslestigen 2, S-448 34 Floda (SE).</p> <p>(74) Agent: NYANDER, Johan; Eka Chemicals AB, Patent Dept., P.O. Box 11556, S-100 61 Stockholm (SE).</p>		<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b>  Without international search report and to be republished upon receipt of that report.</p>
(54) Title: A PROCESS FOR THE PRODUCTION OF PAPER		
<p>(57) Abstract</p> <p>The present invention relates to process for the production of paper from a suspension containing cellulosic fibres, and optional fillers, comprising adding to the suspension drainage and retention aids comprising a cationic organic polymer and anionic microparticulate material, forming and dewatering the suspension on a wire, wherein the cationic organic polymer has a non-aromatic hydrophobic group. The invention further relates to a cationic vinyl addition polymer comprising in polymerized form at least one non-cationic monomer having a non-aromatic hydrophobic group and at least one cationic monomer.</p>		